

Work Order ID 135590

Wednesday, August 12, 2015 4:05:13 PM

135590

Page 1

Item ID: D4121-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Hose Assy

Start Date: 8/26/15 Start Qty: 4.00

4

Cust Item ID:

Required Date: 8/26/15 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: MCS Date: AUG 17 2015

Tooling:

Date:

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4121

D

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O

Issue P/O: 29477

Hose Assembly as per Dwg D4121

Possible Supplier: API

Material release note is required

CZ AUG 19 20154

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

4 AUG 25 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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							Lead hand / Supervisor Approval Verification																		
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Wednesday, August 12, 2015 4:05:13 PM

Page 2

Setup Start *NS1*

Stop *NS2*

Customer:

Run Start *NR1*

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

120

0.00

OC

Memo

0.00

Quality Control

130

0.00

Small Fab

Small Fab

Memo

0.00

Small Fab

Install D2729-1 as per Dwg D4121
using D2182-045 Heat Shrink
Batch: *B112922*

140

QC5- Inspect part completeness to step on W/O	0.00
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QC

Memo

0.00

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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			Lead hand / Supervisor Approval Verification		
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OTHER : ☐					

Wednesday, August 12, 2015 4:05:13 PM

1.355.90

Page 3

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 8/26/15 **Start Qty:** 4.00 ***4***

Cust Item ID:

Required Date: 8/26/15 **Req'd Qty:** 4.00 ***1***

Customer:

Reference:

Approvals: **Process Plan:** **Date:** **Tooling:** **Date:**

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Operation Description

Set Up/ Run Hours

Tool ID

Tool #**Plan
Code**

**Accept
Qty**

Reject
QtyReject
Number

**Insp.
Stamp**

150

Identify as per dwg & Stock Location: SI 2M 0.00

0.00

150

Packaging

Memo

0.00

Packaging

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

AUG 26 2015

ML5

AUG 27 2015

20150827

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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OTHER : _____																																																																					

Picklist Print

Wednesday, August 12, 2015 4:05:12 PM

Page 1

Work Order ID: 135590

135590

Parent Item: D4121-1

D4121-1

Parent Item Name: Hose Assy

Start Date: 8/26/15

Required Date: 8/26/15

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP
REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C
11.11.16 AS PER DWG REV.D DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156003-6D0274		Purchased	No			110	Each	0.0000	1	4	DAS 66 9-89	AUG 25 2015	
156003-6D0274									**				
Hose Assembly													
D2182-045		Manufactured	No			130	Each	0.0000	1	4			
D2182-045									**				
Heat Shrink 4.5" Long													

3112922
(42)

1.51

15/08/26
DAS
36
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

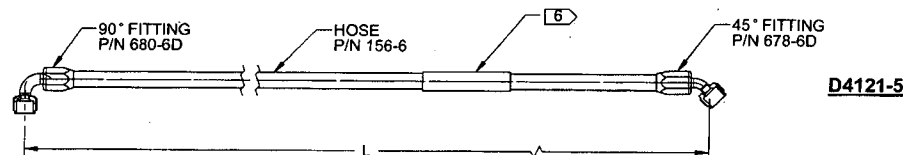
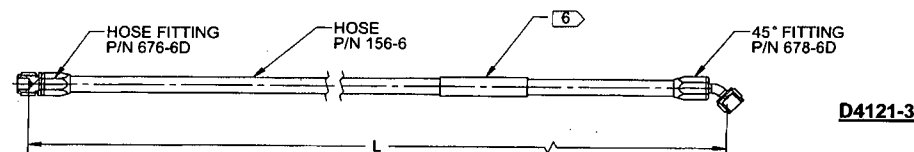
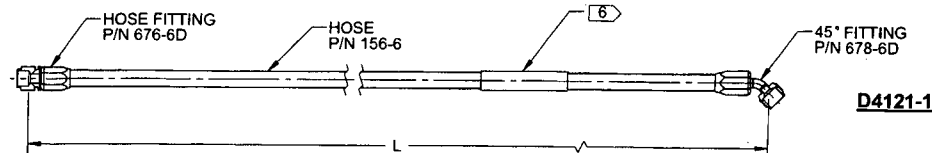
QA Closed: _____ Date: _____

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OTHER :																																																																					

8 7 6 5 4 3 2 1

HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0590	API/ AVIAL	59.00
D4121-5	156062D1054D000	API/ AVIAL	105.50



NO COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO ASSIGNMENT
WORK ORDER
NO. 135590 MJS

15-08-17

RELEASED
2011-11-16
MP

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

D	P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)	RF	11.11.14
C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, B4-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	RF	D4121	SHEET 1 OF 1
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	HOSE ASSEMBLIES	NTS
DATE	11.11.14	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29477**

Purchase Order Date 8/17/2015 11:10:24 AM

PO Print Date 8/19/2015

Page Number 1 of 2

Order From :

AVIALL
PO BOX 842275

DALLAS, TX 75284-2275
USA

VU-AVI003

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID

Contact Name

Vendor Phone 905-676-1695

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	156003-6D0274 AS PER DWG D4121 REV. D B135590	Hose Assembly	9/3/2015 Yes 9/3/2015		4.00 Each ✓	\$205.62	\$822.48
Line Total:							\$822.48
4	156003-6D0590 AS PER DWG D4121 REV. D B135566	Hose Assembly	9/3/2015 Yes 9/3/2015		4.00 Each ✓	\$252.98	\$1,011.92
Line Total:							\$1,011.92
5	156062D1054D000 AS PER DWG D4121 REV. D B135513	Hose Assembly	9/3/2015 Yes 9/3/2015		4.00 Each ✓ 15/8/25 SD	\$252.62	\$1,810.48

PO Instructions: Fedex Acc#151793240

Note:

8/19/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29477**

Purchase Order Date 8/17/2015 11:10:24 AM

PO Print Date 8/19/2015

Page Number 2 of 2

Order From :

VU-AVI003

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

AVIALL
PO BOX 842275

DALLAS, TX 75284-2275
USA

Contact Name

Vendor Phone

905-676-1695

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

EXW - (Ex Works)

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Line Total: \$1,810.48

6	71401-45	PROCUREMENT QUALITY CLAUSES	9/3/2015	1.00	\$0.00	\$0.00
---	----------	--------------------------------	----------	------	--------	--------

No

Procurement Quality Clauses

9/3/2015

A005 RIGHT OF ENTRY

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

Line Total: \$0.00

PO Total: \$3,644.88

PO Instructions: Fedex Acc#151793240

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 4

Change Date: 8/19/2015

Chantal Lavoie

From: Frederik Kleiman <Frederik.Kleiman@aviall.com> on behalf of Toronto Inbound Queue <toronto@aviall.com>
Sent: Tuesday, August 18, 2015 3:39 PM
To: Chantal Lavoie
Subject: Re: QUOTE - DART AEROSPACE

Hi Chantal,

Please see below;

~~MS28775-008 X 100 PCS
PRICE; 0.34/EA
STOCK DALLAS~~

156003-6D0590 X 4 PCS
PRICE; 252.98/EA
NO STOCK
LEAD TIME - 1-2 WEEKS

156003-6D0274 X 4 PCS
PRICE; 205.62/EA
NO STOCK
LEAD TIME - 1-2 WEEKS

156062D1054D000 X 4 PCS
PRICE; 452.62/EA
NO STOCK
LEAD TIME - 1-2 WEEKS

Quote # 4500393673

Thank you,

Fred Kleiman

Aviall Toronto
7425 Tranmere Drive
Unit 2
Mississauga, Ontario
L5S 1L4

Phone: 905-676-1695
Fax: 905-676-9046
Email: Toronto@aviall.com

Subject to Prior Sales
Subject to MFG price changes

Any Aviall quote, acknowledgement or acceptance of your purchase order is made subject to Aviall's Terms and Conditions of Sale. You agree that Aviall's Terms and Conditions of Sale replace and supersede your proposed terms and conditions for all purposes and your acceptance of such terms is evidenced by you continuing to go forward with this order after receipt of this

stamped notice. Go to www.aviall.com and click on Terms and Conditions for a copy of such terms.

From:	Chantal Lavoie <clavoie@dartaero.com>
To:	Toronto Inbound Queue/Aviall <toronto@aviall.com>,
Date:	18/08/2015 09:18 AM
Subject:	QUOTE - DART AEROSPACE

Good morning,
Please advise price and delivery on items.

MS28775-008 X 100 PCS
156003-6D0590 X 4 PCS
156003-6D0274 X 4 PCS
156062D1054D000 X 4 PCS

Thanks
Chantal

This e-mail message, including attachments, may contain confidential, proprietary, or export controlled information.

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A BOEING COMPANY

PACKING LIST



DELIVERY NUMBER: 8002132602

ROUTE: US FedEx International Priority

PAGE:1 of 1

DATE:21AUG15

TIME:14:04:20

EMP:00000000

ORD TYP: ZOR 132

CURRENCY:USD

TERMS:Net 30

CUSTOMER PO:PO29477
 ORDER NUMBER:1001462399
 ORDER DATE:19AUG15

B 10003951
 I DART AEROSPACE LTD
 L 1270 ABERDEEN STREET
 L HAWKESBURY ON K6A 1K7
 T CANADA
 O

S 10003951
 H DART AEROSPACE LTD
 I 1270 ABERDEEN STREET
 P HAWKESBURY ON K6A 1K7
 T CANADA
 O

S 1009
 H AVIALL DALLAS HOSE SHOP
 I DALLAS HOSE SHOP
 P 2755 REGENT BLVD
 F DFW AIRPORT TX 75261-9048
 R USA
 O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
000010	0	1S	156003-6D0274 HOSE: MED PRESSURE,RUBBER	4	4	0	EA		205.62	822.48
			BATCH 100061827		4					
000020	0	1S	156003-6D0590 HOSE: MED PRESSURE,RUBBER	4	4	0	EA		252.98	1,011.92
			BATCH 100061828		4					
000030	0	1S	156062D1054D000 HOSE: MED PRESSURE,RUBBER	4	4	0	EA		452.62	1,810.48
			BATCH 100061829		4					

This is not an Invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.
 Diversion contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc. is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AG-0056 at 2750 Regent Blvd - DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Global Quality

21AUG15
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL

RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR ACT OF 1938 AMENDED.

CUSTOMER COPY

AV20 RS-06



Questions? Call 1-800-AVIALL-1

INVOICE

ALL RETURNED MERCHANDISE IS SUBJECT TO
A HANDLING CHARGE

PAGE - 1

INVOICE NUMBER: 9302606839
INVOICE DATE: 21AUG15
DUE DATE: 20SEP15
BILL TO:

SHIP NUMBER: 8002132602
CUSTOMER NUMBER: 10003951

REMIT TO:
Aviall Canada US\$
PO BOX 842275
Dallas TX 75284-2275 US

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

TERMS: N030 - Net 30
ORDER NUMBER: 1001462399
ORDER DATE: 19AUG15
CUSTOMER PO : PO29477

METHOD: EXW
TRACKING NUMBER: 598520492331
SALES PERSON: Mark Boda
CURRENCY: United States Dollar

LINE	PO LINE	ITEM	QUANTITY	SELL UOM	DISCOUNT	NET AMOUNT
		DESCRIPTION	UNIT PRICE	PRICE UOM		
10		156003-6D0274 HOSE: MED PRESSURE,RUBBER	4 205.6200	EA USD	0.00	822.48
LINE LOT/BATCH: 100061827						
SERIAL NO:						
MFG: 1S						
20		156003-6D0590 HOSE: MED PRESSURE,RUBBER	4 252.9800	EA USD	0.00	1,011.92
LINE LOT/BATCH: 100061828						
SERIAL NO:						
MFG: 1S						
30		156062D1054D000 HOSE: MED PRESSURE,RUBBER	4 452.6200	EA USD	0.00	1,810.48
LINE LOT/BATCH: 100061829						
SERIAL NO:						
MFG: 1S						

QST- 1002571320
MANITOBA - 121506208
G.S.T. REG. NO. R121506208

NET AMOUNT:
ADD ON FEES:
FREIGHT CHARGES:
NET INVOICE AMOUNT:
INVOICE DISCOUNT:
TAX AMOUNT:
TOTAL INVOICE AMOUNT:

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED.



INVOICE

ALL RETURNED MERCHANDISE IS SUBJECT TO
A HANDLING CHARGE

Questions? Call 1-800-AVIALL-1

PAGE - 2

REMIT TO:
Aviall Canada US\$
PO BOX 842275
Dallas TX 75284-2275 US

INVOICE NUMBER: 9302606839
INVOICE DATE: 21AUG15
DUE DATE: 20SEP15
BILL TO:

SHIP NUMBER: 8002132602
CUSTOMER NUMBER:10003951

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADA

TERMS: N030 - Net 30
ORDER NUMBER: 1001462399
ORDER DATE: 19AUG15
CUSTOMER PO : PO29477

METHOD: EXW
TRACKING NUMBER: 598520492331
SALES PERSON: Mark Boda
CURRENCY: United States Dollar

HST 0.00

These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations.
Diversion contrary to US law is prohibited.

QST- 1002571320
MANITOBA - 121506208
G.S.T. REG. NO. R121506208

NET AMOUNT:	3,644.88
ADD ON FEES:	0.00
FREIGHT CHARGES:	0.00
NET INVOICE AMOUNT:	3,644.88
INVOICE DISCOUNT:	0.00
TAX AMOUNT:	0.00
TOTAL INVOICE AMOUNT:	3,644.88

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AS
AMENDED.



Hose Shop 2755 Regent Blvd. DFW Airport 75261
Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1001462399

Part Numbers:

1. 156062D1054D000 4EA.
2. 156003-6D0590 4EA.
3. 156003-6D0274 4EA.

Signed: 

Date: 8-20-15

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001